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COST IN U.S. DOLLARS

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ENTRY

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FULL ESTIMATED COST

0.21

0.21

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FILE 'USPAT2' ENTERED AT 15:30:46 ON 21 AUG 2007

CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polyketone fiber#

L1 68 POLYKETONE FIBER#

=> s l1 and minimum value and UV absorbance

L2 2 L1 AND MINIMUM VALUE AND UV ABSORBANCE

=> d l2 1-2

L2 ANSWER 1 OF 2 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

AN 2003:91554 EPFULL

DUPD 20040506 DUPW 200419

TIEN POLYKETONE FIBER AND PROCESS FOR PRODUCING THE SAME.

TIFR FIBRES DE POLYCETONE ET LEUR PROCEDE DE PRODUCTION.

IN MORITA, Toru, 338-83, Tomiyamacho, Nobeoka-shi, Miyazaki 882-0051, JP;

YAMAZAKI, Hitoshi, 2-4-3-303, Midorigaoka, Nobeoka-shi, Miyazaki

882-0863, JP;

KATO, Jinichiro, Higashiasahi Apartment, 34, Sakurazonocho, Nobeoka-shi,

Miyazaki 882-0036, JP;

MATSUO, Teruhiko, 1-18-5, Tsurugaoka, Nobeoka-shi, Miyazaki 882-0865, JP

PA Asahi Kasei Kabushiki Kaisha, 2-6, Dojimahama 1-chome, Kita-ku,

Osaka-shi, Osaka 530-8205, JP

PAN 219576

DT Patent

LAF Japanese

LA English

LAP English

TL English; French

PIT WOA1 International application published with search report

PI WO 2004020707 A1 20040311

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
 SI SK TR
 EXTENSION STATES: AL LT LV MK
 AI EP 2003-791348 A 20030827
 WO 2003-JP10873 A 20030827
 PRAI JP 2002-252070 A 20020829
 IC.VER 7
 ICM D01F006-30
 ICS D01F006-76; D02G003-48; B60C009-00; F16G001-08

 AN 2003:91554 EPFULL ED 20050601 UP 20070110
 DUPD 20070110 DUPW 200702
 TIEN POLYKETONE FIBER AND PROCESS FOR PRODUCING THE SAME.
 TIFR FIBRES DE POLYCEOTONE ET LEUR PROCEDE DE PRODUCTION.
 TIDE POLYKETONFASER UND VERFAHREN ZU IHRER HERSTELLUNG.
 IN MORITA, Toru, 338-83, Tomiyamacho, Nobeoka-shi, Miyazaki 882-0051, JP;
 YAMAZAKI, Hitoshi, 3815-11, Shimotsuruma, Yamato-shiKanagawa 242-0001,
 JP;
 KATO, Jinichiro, Higashiasahi Apartment, 34, Sakurazonocho, Nobeoka-shi,
 Miyazaki 882-0036, JP;
 MATSUO, Teruhiko, 1-18-5, Tsurugaoka, Nobeoka-shi, Miyazaki 882-0865, JP
 PA Asahi Kasei Fibers Corporation, 2-6, Dojimahama 1-chome, Kita-ku,
 Osaka-shi,Osaka 530-8205, JP
 PAN 4651030
 AG Weber, Thomas, et al, Deichmannhaus am Dom Postfach 10 22 41, 50462
 Koeln, DE
 AGN 75097
 DT Patent
 LAF Japanese
 LA English
 LAP English
 TL German; English; French
 PIT EPA1 Application published with search report
 PI EP 1536045 A1 20050601
 WO 2004020707 20040311
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
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 PRAI JP 2002-252070 A 20020829
 IPCI D01F0006-30 [I,A]; D01F0006-76 [I,A]; D02G0003-48 [I,A]; B60C0009-00
 [I,A]; F16G0001-08 [I,A]
 D01F0006-28 [I,C*]; D01F0006-58 [I,C*]; D02G0003-48 [I,C*]; B60C0009-00
 [I,C*]; F16G0001-00 [I,C*]

 L2 ANSWER 2 OF 2 USPATFULL on STN
 AN 2006:152492 USPATFULL
 TI Polyketone fiber and process for producing the same
 IN Morita, Toru, Miyazaki, JAPAN
 Yamazaki, Hitoshi, Miyazaki, JAPAN
 Kato, Jinichiro, Miyazaki, JAPAN
 Matsuo, Teruhiko, Miyazaki, JAPAN
 PI US 2006128933 A1 20060615
 AI US 2003-525452 A1 20030827 (10)
 WO 2003-JP10873 20030827
 20050224 PCT 371 date
 PRAI JP 2002-252070 20020829
 DT Utility
 FS APPLICATION
 LN.CNT 2491
 INCL INCLM: 528/220.000
 NCL NCLM: 528/220.000
 IC IPCI C08G0016-00 [I,A]
 IPCR C08G0016-00 [I,A]; B60C0009-00 [I,C*]; B60C0009-00 [I,A];

C08G0016-00 [I,C]; D01F0006-28 [I,C*]; D01F0006-30 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s l1 and UV absorbance
L3 2 L1 AND UV ABSORBANCE

=> s l1 and tensile strength
L4 21 L1 AND TENSILE STRENGTH

=> s l4 and tensile elastic modulus
L5 4 L4 AND TENSILE ELASTIC MODULUS

=> d 15 1-4

L5 ANSWER 1 OF 4 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

AN 2003:91554 EPFULL
DUPD 20040506 DUPW 200419
TIEN POLYKETONE FIBER AND PROCESS FOR PRODUCING THE SAME.
TIFR FIBRES DE POLYCETONE ET LEUR PROCEDE DE PRODUCTION.
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MATSUO, Teruhiko, 1-18-5, Tsurugaoka, Nobeoka-shi, Miyazaki 882-0865, JP
PA Asahi Kasei Kabushiki Kaisha, 2-6, Dojimahama 1-chome, Kita-ku,
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PRAI JP 2002-252070 A 20020829
IC.VER 7
ICM D01F006-30
ICS D01F006-76; D02G003-48; B60C009-00; F16G001-08

AN 2003:91554 EPFULL ED 20050601 UP 20070110
DUPD 20070110 DUPW 200702
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PAN 4651030
AG Weber, Thomas, et al, Deichmannhaus am Dom Postfach 10 22 41, 50462
Koeln, DE
AGN 75097

DT Patent
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 WO 2004020707 20040311
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
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 WO 2003-JP10873 A 20030827
 PRAI JP 2002-252070 A 20020829
 IPCI D01F0006-30 [I,A]; D01F0006-76 [I,A]; D02G0003-48 [I,A]; B60C0009-00
 [I,A]; F16G0001-08 [I,A]
 D01F0006-28 [I,C*]; D01F0006-58 [I,C*]; D02G0003-48 [I,C*]; B60C0009-00
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 AN 2006:152492 USPATFULL
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 Matsuo, Teruhiko, Miyazaki, JAPAN
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 AI US 2003-525452 A1 20030827 (10)
 WO 2003-JP10873 20030827
 20050224 PCT 371 date

PRAI JP 2002-252070 20020829
 DT Utility
 FS APPLICATION
 LN.CNT 2491
 INCL INCLM: 528/220.000
 NCL NCLM: 528/220.000
 IC IPCI C08G0016-00 [I,A]
 IPCR C08G0016-00 [I,A]; B60C0009-00 [I,C*]; B60C0009-00 [I,A];
 C08G0016-00 [I,C]; D01F0006-28 [I,C*]; D01F0006-30 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 4 USPATFULL on STN
 AN 2005:147781 USPATFULL
 TI Pneumatic tire
 IN Miyazaki, Shinichi, Kobe-shi, JAPAN
 Toda, Osamu, Kobe-shi, JAPAN
 PA Sumitomo Rubber Industries, Ltd., Kobe-shi, JAPAN (non-U.S. corporation)
 PI US 2005126673 A1 20050616
 AI US 2005-49738 A1 20050204 (11)
 RLI Division of Ser. No. US 2001-853614, filed on 14 May 2001, ABANDONED
 PRAI JP 2000-160497 20000530
 JP 2000-160498 20000530
 DT Utility
 FS APPLICATION
 LN.CNT 484
 INCL INCLM: 152/527.000
 INCLS: 152/531.000; 152/556.000; 156/133.000; 156/123.000; 152/451.000
 NCL NCLM: 152/527.000
 NCLS: 152/451.000; 152/531.000; 152/556.000; 156/123.000; 156/133.000
 IC [7]
 ICM B60C0009-00
 ICS D02G0003-48; B29D030-38
 IPCI B60C0009-00 [ICM,7]; D02G0003-48 [ICS,7]; B29D030-38 [ICS,7]
 IPCR B60C0009-00 [I,C*]; B60C0009-00 [I,A]; B60C0009-04 [I,C*];
 B60C0009-08 [I,A]; B60C0009-20 [I,C*]; B60C0009-20 [I,A];

B60C0009-22 [I,C*]; B60C0009-22 [I,A]; D01F0006-28 [I,C*];
D01F0006-30 [I,A]; D02G0003-48 [I,C*]; D02G0003-48 [I,A]

L5 ANSWER 4 OF 4 USPATFULL on STN

AN 2002:30536 USPATFULL

TI Pneumatic tire

IN Miyazaki, Shinichi, Kobe-shi, JAPAN
Toda, Osamu, Kobe-shi, JAPAN

PI US 2002017351 A1 20020214

AI US 2001-853614 A1 20010514 (9)

PRAI JP 2000-160497 20000530

JP 2000-160498 20000530

DT Utility

FS APPLICATION

LN.CNT 434

INCL INCLM: 152/450.000

NCL NCLM: 152/450.000

IC [7]

ICM B60C005-00

IPCI B60C0005-00 [ICM,7]

IPCR B60C0009-00 [I,C*]; B60C0009-00 [I,A]; B60C0009-04 [I,C*];

B60C0009-08 [I,A]; B60C0009-20 [I,C*]; B60C0009-20 [I,A];

B60C0009-22 [I,C*]; B60C0009-22 [I,A]; D01F0006-28 [I,C*];

D01F0006-30 [I,A]; D02G0003-48 [I,C*]; D02G0003-48 [I,A]

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